

## Event Schedule

### **AutoAI Block Seminar in ST 2022 at the Chair of AI Methodology (AIM)**

Organisers: [Prof. Dr. Holger H. Hoos](#), [Dr. Jakob Bossek](#)

---

## General Information

The block seminar will take place in-person in the seminar room (6)228 of Informatik 6 at Theaterstraße 35-39, 52062 Aachen, 2nd floor. Please arrive on time since we have a tight schedule!

The seminar is organised in the form of a scientific workshop. There are multiple sessions with a maximum of two 1 hour presentations (30 minutes presentation plus 30 minutes discussion) in a row and many breaks in-between. Each session is led by a *session chair* (SC; either Holger or Jakob) who is responsible to keep track of the time and lead the discussion.

Please note:

- **All students need to participate in all presentations.**
- Stick to the presentation guidelines and keep in mind the importance of practising and timing (see documents on better science in shared sciebo folder).
- It is a good idea to share your presentations with other groups to enable coordination, e. g., between AS-1, AS-2.

## Day 1: Thursday, 18 August

---

09:30 to 10:00

Location: SR CS6

### **Welcome reception**

Arrival, get -together with coffee and cookies, checking technical equipment

### **10:00 to 12:00 - Session 1**

(Chair: Jakob Bossek)

---

10:00 to 11:00

Location: SR CS6

Responsible: HH

**Speakers:** Chenhuan Gao, Miriam Kempter

**Topic:** *Empirical performance models* **EPM**

11:00 to 12:00

Location: SR CS6

Responsible: JB

**Speakers:** Nils Sören Eberhardt, Stefan Seiler

**Topic:** *Algorithm selection in continuous optimisation* AS-1

12:00 to 13:30

### Lunch break

Everyone makes their own arrangements. Here are some nearby recommendations:

- Vabene! Pizzeria & Aperetivo (Theaterstraße 48, 52062 Aachen, right accross the street)
- Sen by Siam Cafe Resto Lounge (Theaterstraße 27-29, 52062 Aachen)
- REWE market (Kapuzinergraben 19F, 52062 Aachen)

## 13:30 to 15:30 - Session 2

(Chair: Holger H. Hoos)

---

13:30 to 14:30

Location: SR CS6

Responsible: JB

**Speakers:** Nils Christoph Baumann, Tim Tobias Bauerle

**Topic:** *Algorithm selection for the discrete combinatorial problems* AS-2

14:30 to 15:30

Location: SR CS6

Responsible: HH

**Speakers:** Yimin Zhang, Marcel Baumann

**Topic:** *Local-search based algorithm configuration* AC-1

15:30 to 16:00

### Coffee and cookies time

Have a cup of on coffee or tea and talk to other attendees.

## 16:00 to 18:00 - Session 3

(Chair: Jakob Bossek)

---

16:00 to 17:00

Location: SR CS6

Responsible: HH

**Speakers:** Jan Philipp Kraus, Nikolas Moritz Gunz

**Topic:** *Sampling-based algorithm configuration* AC-2

17:00 to 18:00

Location: SR CS6

Responsible: JB

**Speakers:** Sebastian Miller, Laura-Sophie Kirchner

**Topic:** *Model-based algorithm configuration* AC-3

## Day 2: Tuesday, 23 August

---

09:30 to 10:00

Location: SR CS6

Responsible: HH

Arrival, get -together with coffee and cookies, checking technical equipment

## 10:00 to 12:00 - Session 4

(Chair: Holger H. Hoos)

---

10:00 to 11:00

Location: SR CS6

Responsible: HH

**Speakers:** Marc Flemming Thiemann, Malte Gerhard Schwerin

**Topic:** *Gradient-Based Neural Architecture Search* NAS-1

11:00 to 12:00

Location: SR CS6

Responsible: JB

**Speakers:** Nicolas Maximilian Faber, Laszlo Dirks

**Topic:** *Evolutionary Computation for Neural Architecture Search* NAS-2

12:00 to 13:30

**Lunch break**

Everyone makes their own arrangements.

## 13:30 to 15:30 - Session 5

(Chair: Holger H. Hoos)

---

13:30 to 14:30

Location: SR CS6

Responsible: HH

**Speakers:** Aaron Berger, Alexander Mann

**Topic:** *Parallel algorithm portfolios* PAP

14:30 to 15:30

Location: SR CS6

**Closing session**

Wrap-up, answering open questions, feedback, advertising Bachelor/Master thesis in the field of AutoAI at AIM.